

Daniel Frakes

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Education **Georgia Institute of Technology** *Dec 2018*
Master of Science in Computer Science (3.91 GPA)
Specialization in Machine Learning

Bowling Green State University *May 2013*
Bachelor of Music in Music Education and Instrumental Performance (3.88 GPA)

Experience **Celerity** *May 2017 - present*
Senior Software Engineer

- **Internal projects:** inaugural member of company data analytics practice, automated performance achievement workflow, custom kiosk display using Wagtail CMS and Heroku, Wordpress website maintenance and support
- **National Geographic Society*:** Website (www.nationalgeographic.org) and microsite management using custom CMS, site navigation and page structure reorganization, data-driven Photo Ark microsite, NGS-branded Wordpress theme and data migration
- **Association of American Medical Colleges*:** Website (www.mededportal.org and icollaborative.aamc.org) development using custom CMS

Blackstone Technology Group *Jan 2016 - May 2017*
Technical Consultant

- **Trellis**:** Energy transaction management system using Java and HTML/JS, documented and automated developer environment setup, business process optimization opportunities and implementation plans
- **Parallel 6*:** Javascript SDK based on client API library; Cordova plugin to encapsulate native API, device info, and SDK; sample Ionic mobile app implementing API platform
- **Arvest*:** Mobile website optimization and redesign

Accenture Federal Services *Sep 2013 - Dec 2015*
Senior Systems Developer

- **United States Postal Service*:** Product Tracking & Reporting system of live and historical shipments, data ingest and ETL integration using Oracle SQL and Informatica, software release requirements traceability matrices
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Coursework Machine Learning Computational Complexity Theory
Machine Learning for Trading Computational Photography
Reinforcement Learning Software Development Process
Data Analysis and Visualization Human-Computer Interaction
Knowledge-Based Artificial Intelligence Educational Technology

Technology **Experienced:** Python, Django, Javascript, Node, Vagrant, Ansible, HTML, CSS/SCSS
Familiar: pandas, numpy, SQL, R, Shell, Gulp, Webpack, Grunt, PHP

Honors & Awards Celerity L.E.A.D. Program Inaugural Member *Oct 2018*
Blackstone CREDO Award, 2016 Q1 *Apr 2016*
Accenture Performance Award: Collaborates Effectively *Aug 2015*
Accenture Performance Award: Develops Self and Others *May 2014*
Eagle Scout Award *Jun 2009*